

# BROADCAST TOWER PREAPPLICATION CONSULTATION CHECKLIST

Date: \_\_\_\_\_

**Applicant Name:** \_\_\_\_\_

**Consultant Staff Member:** \_\_\_\_\_

## **BROADCASTING TOWERS AND ASSOCIATED ANTENNA PERMITTED BY RIGHT:**

- New and replacement broadcasting towers and associated antenna not exceeding thirty (30) feet in height and located within any commercial or industrial zoning district provided:
  - a) the proposed tower is a monopole type design:
  - b) the general area of the proposed tower is currently served by above ground utilities including electric power and telephone poles; and
  - c) all other use and design standards for the construction of the broadcasting tower and associated facilities are met.
- Antennas may be installed on any existing structure within the County provided said antenna does not meet the definition of a broadcasting tower, does not increase the height of the existing structure more than ten (10) feet, and does not result in the structure and antenna exceeding the maximum structure height for that zoning district.
- Temporary towers erected for a period not to exceed twenty-one days.

**The following information shall be required as part of the Special Use Permit for a Broadcast Tower in addition to standard application requirements.**

### **Proposed Site Qualities**

Utilities that are currently present on site: \_\_\_\_\_

Utilities required that are not currently present on site: \_\_\_\_\_

Expected route of linkage: \_\_\_\_\_

Estimated noise level in decibels: \_\_\_\_\_

### **Broadcast Tower**

Structure Type: ☐ Monopole      ☐ Lattice Tower      ☐ Guyed Tower      ☐ Stealth Design (description)  
☐ Other (description)

Proposed height of tower excluding antenna: \_\_\_\_\_

Existing height of surrounding tree canopy and/or buildings: \_\_\_\_\_

Construction material and finish of tower:      Specific tower location  
 Material:      Finish:      Longitude:   °   '   "      Latitude:   °   '   "

Ground Elevation in mean sea level of the proposed tower site: \_\_\_\_\_

Tower has structural ability to accommodate: ☐ One      ☐ Two      ☐ Three      other providers.

### **Types(s) of Antenna or Other Devices Attached to Tower**

☐ Omni-Directional Antenna      ☐ Directional Panel      ☐ Parabolic Antenna      ☐ Whip Antenna  
☐ Other

Material and finish of the proposed antenna(s).      Dimensions of Antenna(s)-height/width/depth  
 Material:      Finish:      /      /

**The following information must be submitted separately in either a written or mapped format.**

- ☐ Information on how the proposed site relates to the applicant's existing communication system including number of other sites within the Roanoke Valley, and the location of the antenna at each site.
- ☐ A map designating the specific coverage area(s) desired with any overflow areas denoted separately.
- ☐ A list, with a map, of all the alternative sites considered or evaluated to serve the area of this proposed tower, including other existing tower sites in the vicinity. This should include any co-locations considered and the specific technical, legal or other reasons the other site(s) were rejected.
- ☐ Provide conceptual site plan drawn to scale, depicting the location of support structures, equipment enclosures, landscaped areas, fences, lighting, access, limits of disturbed land, average slope of the site, ownership and use of adjoining properties, etc.
- ☐ Provide accurate, to scale, photographic simulations showing the relationship of the proposed broadcast tower and associated antenna to the surroundings. Photographic simulations should include the relationships of any new or modified road or utility corridors necessary to serve the proposed broadcast tower site.
- ☐ Provide computerized terrain analysis showing the visibility of the proposed broadcast tower and antenna at the requested height and location. If new or modified road, access or utility corridors are proposed, the terrain analysis shall also show the visibility of these new or modified features.
- ☐ Provide detail sheet for broadcast tower structure.
- ☐ Provide an accurate description and photograph of the proposed tower structure, including antenna.
- ☐ Provide detail sheet of any antenna or devices attached to tower including electrical and mechanical specifications for antenna systems.

**Notes:**

**I hereby certify that:**

- *All required submittals to the FAA, as required by Zoning Ordinance Section 30-87-2D.6, have been submitted.*
- *A required on-site balloon or comparable test will be performed on the dates of \_\_\_\_\_ for the Planning Commission public hearing scheduled for \_\_\_\_\_, and on the dates of \_\_\_\_\_ for the Board of Supervisors public hearing scheduled for \_\_\_\_\_.*
- *I, the applicant, shall be responsible for all fees associated with the filing of the application, including the reasonable cost of any independent analysis deemed necessary by the County to verify the need for the new broadcast tower.*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_